

# Atmospheric phenomena in time lapse photography

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halo and atmospheric meeting

Artjärvi, 14.–16.7.06

# Details

- Project of Astronomical Association Porin Karhunvartijat in Western Finland
- Original project time one year (1.1.2005–1.1.2006), but system is still working
- Olympus Camedia C-740 Ultra Zoom camera in heated "weather box"
- Camera located on the roof of The Ulvila Water Tower (outside the observatory of the association)
- Camera is computer controlled with Cam2Com software, which design for the remote control of Olympus digicameras

- Facing direction WNW (not optimal for eg. aurorae, NLC), but it is direction of town Pori
- One image per minute, total images over half a million in a year
- Image stored into tens of DVDs
- What have been caught:
  - clouds, rain, sunshine, fog, and other weather phenomena
  - astronomical phenomena: Sun, Moon, planets, stars
  - animals: birds, flies, spiders :-)
  - Atmospheric phenomena:
    - NLCs, aurorae
    - rainbows, fogbows, ordinary halos
    - pollen coronae
    - sunset colors
- [www.karhukamera.com](http://www.karhukamera.com)